


Client Code: NDTCO.065DV1

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying parties: 1. Amane Mochizuki 2. Toshitaka Nakamura 3. Masakatsu Urairi 4. Guang Pan Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party: Name: Nitto Denko Corporation Street Address: 1-1-2 Shimohozumi, Ibaraki City: Osaka Country: Japan ZIP: 567-8680 Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 1. April 2, 2008 2. April 2, 2008 3. April 1, 2008 4. April 2, 2008	4. US or PCT Application number(s) or US Patent number(s): <input checked="" type="checkbox"/> Patent Application No.: 12/753,395 Filing Date: April 2, 2010 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: NDTCO.065DV1	6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40 <input checked="" type="checkbox"/> Authorized to be charged to deposit account	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document. <div style="display: flex; justify-content: space-between;"> <div> Jeremy R. Pierce Name of Person Signing 59,034 Registration No. </div> <div style="text-align: center;">  Signature </div> <div> September 2, 2011 Date </div> </div> Total number of pages including cover sheet, attachments and document: 6	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
 Director, U.S. Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

11857114/hc 090211

700470754

PATENT
REEL: 026856 FRAME: 0847

CH \$40.00 111410 12753395

Application No.: 12/035,990
Filing Date: February 22, 2008

PATENT
Client Code: NDTCO.065A
Page 1

ASSIGNMENT

WHEREAS, We, Amane Mochizuki, a Japanese citizen, residing at 12005 Avenida Sivrita, San Diego, CA 92128, Toshitaka Nakamura, a Japanese citizen, residing at 3923 Mesa Dr. #203, Oceanside, CA 92056, Masakatsu Urair, a Japanese citizen, residing at 3351 Alma St. #222, Palo Alto, CA 94306, and Guang Pan, a Canadian citizen, residing at 2516 Marron Road #202, Carlsbad, CA; have invented certain new and useful improvements in a CARBON-CONTAINING SEMICONDUCTING DEVICES AND METHODS OF MAKING THEREOF for which we have filed an application for Letters Patent in the United States, Application No. 12/035,990 filed on February 22, 2008;

AND WHEREAS, NITTO DENKO CORPORATION (hereinafter "ASSIGNEE"), a Japanese Corporation, with its principal place of business at 1-1-2 Shimochozumi, Ibaraki, Osaka 567-8680 JAPAN, desires to acquire the entire right, title, and interest in and to said improvements and said Application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said Improvements, and said application including all provisional applications relating thereto and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we do hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.


AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND WE DO HEREBY covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Application No.: 12/035,990
Filing Date: February 22, 2008

PATENT
Client Code: NDTCO.065A
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of
APRIL, 2008


Amane Mochizuki

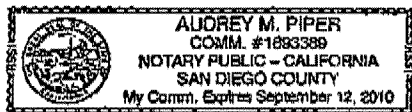
STATE OF CALIFORNIA }
COUNTY OF SAN DIEGO } ss.

On APRIL 2, 2008, before me, Audrey Piper, notary public,
personally appeared Amane Mochizuki who proved to me on the basis of satisfactory evidence
to be the person whose name is subscribed to the within instrument, and acknowledged to me
that they executed the same in their authorized capacity, and that by their signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

Application No.: 12/035,990
Filing Date: February 22, 2008

PATENT
Client Code: NDTCO.065A
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of
APRIL, 2008

Toshitaka Nakamura
Toshitaka Nakamura

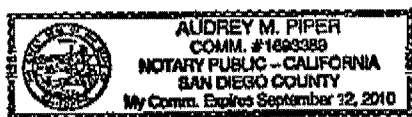
STATE OF CALIFORNIA }
COUNTY OF SAN DIEGO } ss.

On APRIL 2, 2008, before me, AUDREY PIPER, notary public,
personally appeared Toshitaka Nakamura who proved to me on the basis of satisfactory
evidence to be the person whose name is subscribed to the within instrument, and
acknowledged to me that they executed the same in their authorized capacity, and that by their
signature on the instrument the person, or the entity upon behalf of which the person acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



Audrey Piper
Notary Signature

Application No.: 12/035,990
Filing Date: February 22, 2008

PATENT
Client Code: NDTCC.065A
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 01 day of APRIL, 2008.

Masakatsu Urairi
Masakatsu Urairi

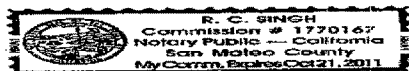
STATE OF CALIFORNIA }
COUNTY OF SANTA CLARA } ss.

On 04/01/2008, before me, R. C. SINGH, notary public, personally appeared Masakatsu Urairi who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity, and that by their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



Notary Signature R. C. Singh

Application No.: 12/035,990
Filing Date: February 22, 2008

PATENT
Client Code: NDTCC.065A
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of APRIL, 2008.

Guang Pan
Guang Pan

STATE OF CALIFORNIA }
COUNTY OF SAN DIEGO } ss.

On APRIL 2, 2008, before me, AUDREY PIPER, notary public, personally appeared Guang Pan who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity, and that by their signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



5030960/hc

031808

Audrey Piper
Notary Signature